



WIRED RITE SYSTEMS™, INC.

5793 Skyline Blvd.

Windsor, CA 95492

Tel: (800)538-RITE

6 VOLTS	12 VOLT S	WIRE GAUGE REQUIRED-BY LENGTH OF CIRCUIT IN FEET														
		NOTE- WHEN MECHANICAL STRENGTH IS A FACTOR, USE NEXT LARGER WIRE GAUGE														
AMPS	AMPS	3'	5'	7'	10'	15'	20'	25'	30'	40'	50'	60'	70'	80'	90'	100'
0.5	1	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20
0.75	1.5	20	20	20	20	20	20	20	20	20	20	20	20	18	18	18
1	2	20	20	20	20	20	20	20	20	20	20	18	18	16	16	16
1.5	3	20	20	20	20	20	20	20	20	18	18	16	16	14	14	14
2	4	20	20	20	20	20	20	20	18	16	16	14	14	14	14	12
2.5	5	20	20	20	20	20	20	18	18	16	14	14	14	12	12	12
3	6	20	20	20	20	20	18	18	16	14	14	14	12	12	12	10
3.5	7	20	20	20	20	20	18	16	16	14	14	12	12	12	10	10
4	8	20	20	20	20	18	16	16	14	14	12	12	12	10	10	10
5	10	20	20	20	20	18	16	14	14	12	12	10	10	10	10	8
6	12	20	20	20	18	16	14	14	14	12	10	10	10	8	8	8
7.5	15	20	20	20	18	16	14	12	12	10	10	10	8	8	8	6
10	20	20	20	18	16	14	12	12	10	10	8	8	8	6	6	6
12	24	20	18	16	14	14	12	10	10	8	8	8	6	6	6	4
15	30	18	16	16	14	12	10	10	10	8	8	6	6	6	4	4
18	36	16	14	14	14	12	10	10	8	8	6	6	4	4	4	4
25	50	14	14	14	12	10	8	8	8	6	4	4	4	2	2	2
50	100	14	12	10	8	8	6	6	4	4	2	2	1	0	0	2\0
75	150	12	10	8	6	6	4	4	2	2	1	0	2\0	2\0	3\0	3\0
100	200	10	8	8	6	4	2	2	2	1	0	2\0	3\0	4\0	4\0	4\0